

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**
ATTORNEY'S DOCKET NUMBER  
454-001US

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

**107587103**INTERNATIONAL APPLICATION NO.  
PCT/US2005/002600INTERNATIONAL FILING DATE  
01/24/2005PRIORITY DATE CLAIMED  
1/22/2004

TITLE OF INVENTION RESPIRATORY SYSTEM FOR INDUCING THERAPEUTIC HYPOTHERMIA

APPLICANT(S) FOR DO/EO/US Amir Belson

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10.  An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A preliminary amendment.
14.  An Application Data Sheet under 37 CFR 1.76.
15.  A substitute specification.
16.  A power of attorney and/or change of address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.
18.  A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19.  A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

This collection of information is required by 37 CFR 1.414 and 1.491–1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (Unknown see 37 CFR 1.5) <b>10/587103</b>		INTERNATIONAL APPLICATION NO. PCT/US2005/002600	ATTORNEY'S DOCKET NUMBER 454-001US																																																																																																								
20. Other items or information:																																																																																																											
<p>The following fees have been submitted</p> <table border="1"> <tr> <td colspan="2">21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....</td> <td>\$300</td> <td rowspan="2">\$ 300</td> </tr> <tr> <td colspan="2">22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of the PCT Article 33(1)-(4).....</td> <td>\$0</td> </tr> <tr> <td colspan="2">All other situations.....</td> <td>\$200</td> <td>\$ 200</td> </tr> <tr> <td colspan="2">23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of the PCT Article 33(1)-(4).....</td> <td>\$0</td> <td rowspan="3">\$ 0</td> </tr> <tr> <td colspan="2">Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....</td> <td>\$100</td> </tr> <tr> <td colspan="2">International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....</td> <td>\$400</td> </tr> <tr> <td colspan="2">All other situations.....</td> <td>\$500</td> </tr> <tr> <td colspan="3">TOTAL OF 21, 22 and 23 =</td> <td>\$ 500</td> </tr> <tr> <td colspan="4"> <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing IN COMPLIANCE WITH 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.         </td> </tr> <tr> <td>Total Sheets</td> <td>Extra sheets</td> <td>Number of each additional 50 or fraction thereof (round up to a whole number)</td> <td>RATE</td> </tr> <tr> <td>26 -100 =</td> <td>0 /50 =</td> <td>0</td> <td><input checked="" type="checkbox"/> \$250</td> </tr> <tr> <td colspan="4">Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of the commencement of the national stage (37 CFR 1.492(h)).</td> </tr> <tr> <td>CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> <td>RATE</td> </tr> <tr> <td>Total claims</td> <td>22 - 20 =</td> <td>2</td> <td><input checked="" type="checkbox"/> \$50</td> </tr> <tr> <td>Independent claims</td> <td>2 - 3 =</td> <td>0</td> <td><input checked="" type="checkbox"/> \$200</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+</td> <td><input checked="" type="checkbox"/> \$360</td> </tr> <tr> <td colspan="4">TOTAL OF ABOVE CALCULATIONS = \$ 600</td> </tr> <tr> <td colspan="4"> <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.         </td> </tr> <tr> <td colspan="4">SUBTOTAL = \$ 300</td> </tr> <tr> <td colspan="4">Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).</td> </tr> <tr> <td colspan="4">+ \$ 0</td> </tr> <tr> <td colspan="4">TOTAL NATIONAL FEE = \$ 300</td> </tr> <tr> <td colspan="4">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</td> </tr> <tr> <td colspan="4">+ \$ 0</td> </tr> <tr> <td colspan="4">TOTAL FEES ENCLOSED = \$ 300</td> </tr> <tr> <td colspan="4">Amount to be refunded: \$</td> </tr> <tr> <td colspan="4">Amount to be charged: \$</td> </tr> </table>				21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....		\$300	\$ 300	22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of the PCT Article 33(1)-(4).....		\$0	All other situations.....		\$200	\$ 200	23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of the PCT Article 33(1)-(4).....		\$0	\$ 0	Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....		\$100	International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....		\$400	All other situations.....		\$500	TOTAL OF 21, 22 and 23 =			\$ 500	<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing IN COMPLIANCE WITH 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	26 -100 =	0 /50 =	0	<input checked="" type="checkbox"/> \$250	Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of the commencement of the national stage (37 CFR 1.492(h)).				CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	22 - 20 =	2	<input checked="" type="checkbox"/> \$50	Independent claims	2 - 3 =	0	<input checked="" type="checkbox"/> \$200	MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+	<input checked="" type="checkbox"/> \$360	TOTAL OF ABOVE CALCULATIONS = \$ 600				<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.				SUBTOTAL = \$ 300				Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				+ \$ 0				TOTAL NATIONAL FEE = \$ 300				Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+ \$ 0				TOTAL FEES ENCLOSED = \$ 300				Amount to be refunded: \$				Amount to be charged: \$			
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....		\$300	\$ 300																																																																																																								
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of the PCT Article 33(1)-(4).....		\$0																																																																																																									
All other situations.....		\$200	\$ 200																																																																																																								
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of the PCT Article 33(1)-(4).....		\$0	\$ 0																																																																																																								
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....		\$100																																																																																																									
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....		\$400																																																																																																									
All other situations.....		\$500																																																																																																									
TOTAL OF 21, 22 and 23 =			\$ 500																																																																																																								
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing IN COMPLIANCE WITH 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																																																																																																											
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE																																																																																																								
26 -100 =	0 /50 =	0	<input checked="" type="checkbox"/> \$250																																																																																																								
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of the commencement of the national stage (37 CFR 1.492(h)).																																																																																																											
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																																																																																																								
Total claims	22 - 20 =	2	<input checked="" type="checkbox"/> \$50																																																																																																								
Independent claims	2 - 3 =	0	<input checked="" type="checkbox"/> \$200																																																																																																								
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+	<input checked="" type="checkbox"/> \$360																																																																																																								
TOTAL OF ABOVE CALCULATIONS = \$ 600																																																																																																											
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.																																																																																																											
SUBTOTAL = \$ 300																																																																																																											
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).																																																																																																											
+ \$ 0																																																																																																											
TOTAL NATIONAL FEE = \$ 300																																																																																																											
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property																																																																																																											
+ \$ 0																																																																																																											
TOTAL FEES ENCLOSED = \$ 300																																																																																																											
Amount to be refunded: \$																																																																																																											
Amount to be charged: \$																																																																																																											

10/587103

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

AP20 Rec'd PCT/PTO 21 JUL 2006

- a.  A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b.  Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 502276. A duplicate copy of this sheet is enclosed.
- d.  Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:



SIGNATURE:

CAROL D. TITUS  
NAME

38,436  
REGISTRATION NUMBER

CUSTOMER NO. 23429

GSS LAW GROUP  
3900 Newpark Mall Road  
Third Floor, Suite 317  
Newark, CA 94560

10/587103

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No.: 454-001US  
PCT App. No.: PCT/US2005/002600  
Serial Number: Not yet known  
Filing Date: July 21, 2006  
Applicant(s): Amir Belson  
Application Title: RESPIRATORY SYSTEM FOR INDUCING THERAPEUTIC HYPOTHERMIA

AP20 Rec'd PCT/PTO 21 JUL 2006

National Stage Filing Under 35 USC 371

Date: July 21, 2006

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Arlington, VA 22313-1450

Dear Sir,

Enclosed are the following:

- (1) Transmittal letter to the United States Designated/Elected Office Concerning a Filing under 35 USC 371
- (2) Combined Declaration and Power of Attorney (1 page)
- (3) Credit Card Payment Form for \$300.00
- (4) Return Receipt postcard.

Respectfully Submitted,

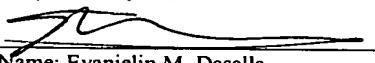


CAROL D. TITUS  
Attorney, Reg. No. 38,436  
**CUSTOMER NO. 23429**  
GSS Law Group  
3900 Newpark Mall Rd., Suite 317  
Newark, CA 94560  
Phone (510) 742-7417  
Fax (510) 742-7419

**CERTIFICATE OF EXPRESS MAILING**

I hereby certify that this is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated below and is addressed to Mail Stop PCT, Commissioner for Patents, Alexandria, VA 22313-1450.

Express Mail Label No.: EV330473285US  
Date of Deposit: July 21, 2006

By:   
Typed Name: Evanjelin M. Dasalla